



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Michael Mrochen, et al.

Serial No.: United States National Phase
of PCT/EP01/04978

Filed: Herewith

For: CONTROL PROGRAM FOR A DEVICE FOR PHOTOREFRACTIVE CORNEAL
SURGERY OF THE EYE

Attention: DO/EO/US
Commissioner For Patents
Washington, D.C. 20231

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§ Attorney Docket No.: 31567.4

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§ I. A. Filing Date: May 3, 2001

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§ Priority Date: May 11, 2000

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PRELIMINARY AMENDMENT

Dear Sir:

Prior to the initial examination of the above-identified application, please amend the
application as follows:

IN THE TITLE:

On page 1 of the English translation of international application number PCT/EP01/04978,
replace the title with the following:

CONTROL PROGRAM FOR A DEVICE FOR PHOTOREFRACTIVE CORNEAL SURGERY
OF THE EYE

IN THE ABSTRACT:

In a control program, according to which a laser-beam spot is guided, while being controlled with
respect to position and time, over a cornea to be corrected photorefractively, so as to ablate a
predetermined ablation profile therefrom, the effect of the angle between the laser beam and the
corneal surface on the energy density of the laser-beam spot incident on the corneal surface
and/or on the fraction of the laser-beam energy incident on the corneal surface which is reflected
away, is taken into account when generating the control program.